

FUTEK MODEL MTA500 (L2905)

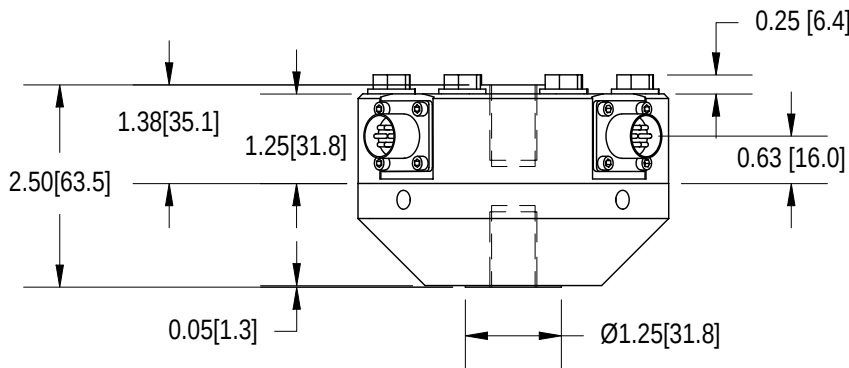
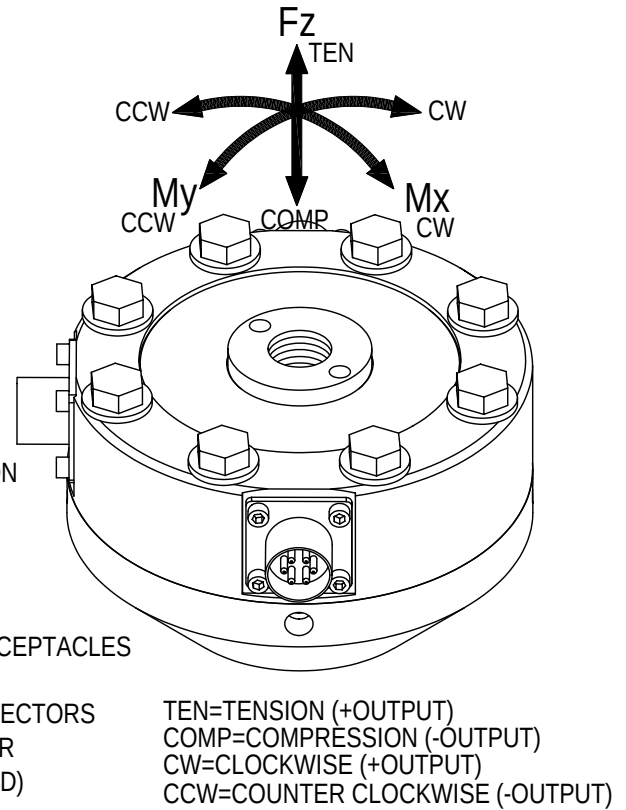
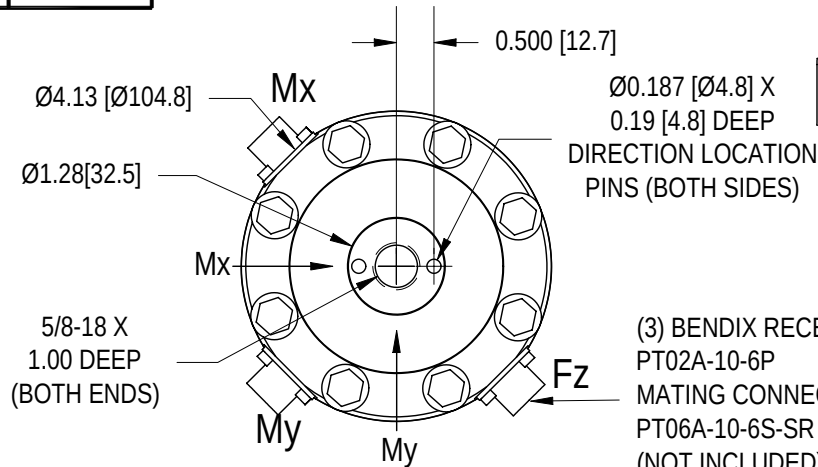
LOW PROFILE THRUST AND MOMENT LOAD CELL

Drawing Number: FI1008-C

INCH [mm] R.O.= Rated Output

WIRING CODE (CC1)

+Excitation	-Excitation	+Signal	-Signal
RED PIN 'A'	BLACK PIN 'B'	GREEN PIN 'C'	WHITE PIN 'D'
+Sense	-Sense		
ORANGE PIN 'E'	BLUE PIN 'F'		



SPECIFICATIONS:

RATED OUTPUT	0.5-1.5 mV/V nom.
CAPACITY	SEE CHART
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±2% of R.O.
EXCITATION (VDC OR VAC)	18 MAX
BRIDGE RESISTANCE	350/700 Ω nom.
NONLINEARITY (Mx, My)	±0.5% of R.O.
NONLINEARITY (Fz)	±0.2% of R.O.
CROSS TALK	±2% of R.O. OR LESS
TEMP. SHIFT ZERO	±0.01% of R.O./°F (0.018% of R.O./°C)
TEMP. SHIFT SPAN	±0.01% of LOAD/°F (0.018% of LOAD/°C)
COMPENSATED TEMP.	60 to 160°F (15 to 72°C)
OPERATING TEMP.	-60 to 200°F (-50 to 93°C)
MATERIAL	SEE CHART
CONNECTOR: (3) 6 Pin BENDIX Receptacle (PT02A-10-6P)	
ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE	
CALIBRATION (STD)	5 pt. COMPRESSION, CW; 100 KΩ SHUNT CAL. VALUE
CALIBRATION (OPTIONAL)	5 pt. TENSION, CCW
CALIBRATION TEST EXCITATION	10 VDC

STOCK#	CAPACITY		MATERIAL
	lb (Fz)	in-lb (Mx, My)	
FSH02505	1000	400	ALUMINUM
FSH01929	2000	800	17-4 S.S.
FSH02299	5000	1000	
FSH03086	10000	2000	